

# itl boulder

THE LIGHT CENTER OF THE INDUSTRY SINCE 1955

INDEPENDENT TESTING LABORATORIES, INC.

3386 LONGHORN ROAD, BOULDER, CO 80302 USA

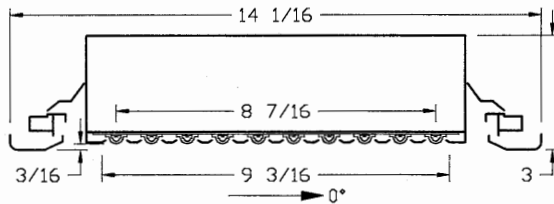
PHONE: (303)442-1255

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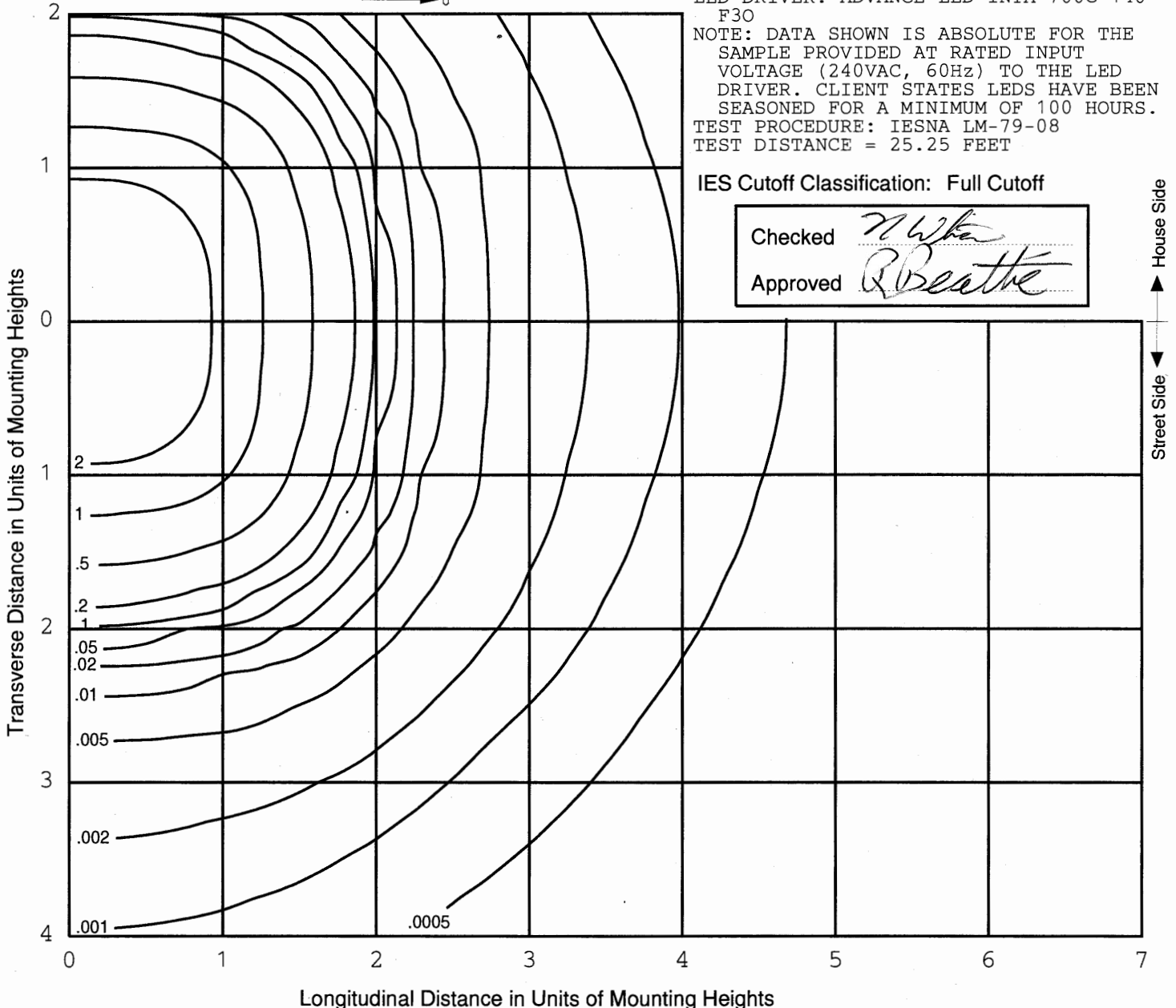
## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION Values based on 20 foot mounting height.

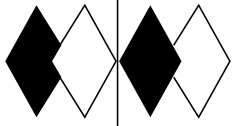


REPORT NUMBER: ITL64014  
 DATE: 01/14/10  
 PREPARED FOR: BETALED, A DIVISION OF RUUD LIGHTING  
 CATALOG NUMBER: BXCP\*A06D-UH (350mA)  
 LUMINAIRE: CAST WHITE PAINTED METAL HOUSING AND TRIM, CAST WHITE PAINTED METAL LED DRIVER COVER, TWO EXTRUDED FINNED METAL HEAT SINKS, EACH HEAT SINK CONTAINS ONE CIRCUIT BOARD WITH 30 LEDS, CAST WHITE PAINTED METAL TRIM PLATE, ONE CLEAR NON-INTEGRAL LENS BELOW EACH LED.  
 LAMPS: SIXTY WHITE LIGHT EMITTING DIODES (LEDS), VERTICAL BASE-UP POSITION.  
 TOTAL INPUT WATTS = 68.7 AT 240.0 VOLTS  
 LED DRIVER: ADVANCE LED-INTA-700C-140-F30  
 NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (240VAC, 60Hz) TO THE LED DRIVER. CLIENT STATES LEDS HAVE BEEN SEASONED FOR A MINIMUM OF 100 HOURS.  
 TEST PROCEDURE: IESNA LM-79-08  
 TEST DISTANCE = 25.25 FEET

IES Cutoff Classification: Full Cutoff

Checked	<i>M. White</i>
Approved	<i>R. Beattie</i>





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 RUUD LIGHTING

CATALOG NUMBER: BXCP1A06D-U(350mA)/CAN-304-PS-PS-06-D-U  
 LUMINAIRE: CAST WHITE PAINTED METAL  
 HOUSING AND TRIM, CAST WHITE PAINTED  
 METAL LED DRIVER COVER, TWO EXTRUDED  
 FINNED METAL HEAT SINKS, EACH HEAT  
 SINK CONTAINS ONE CIRCUIT BOARD WITH  
 30 LEDS, CAST WHITE PAINTED METAL  
 TRIM PLATE, ONE CLEAR NON-INTEGRAL  
 LENS BELOW EACH LED.

LAMPS: SIXTY WHITE LIGHT EMITTING  
 DIODES (LEDS), VERTICAL BASE-UP  
 POSITION.

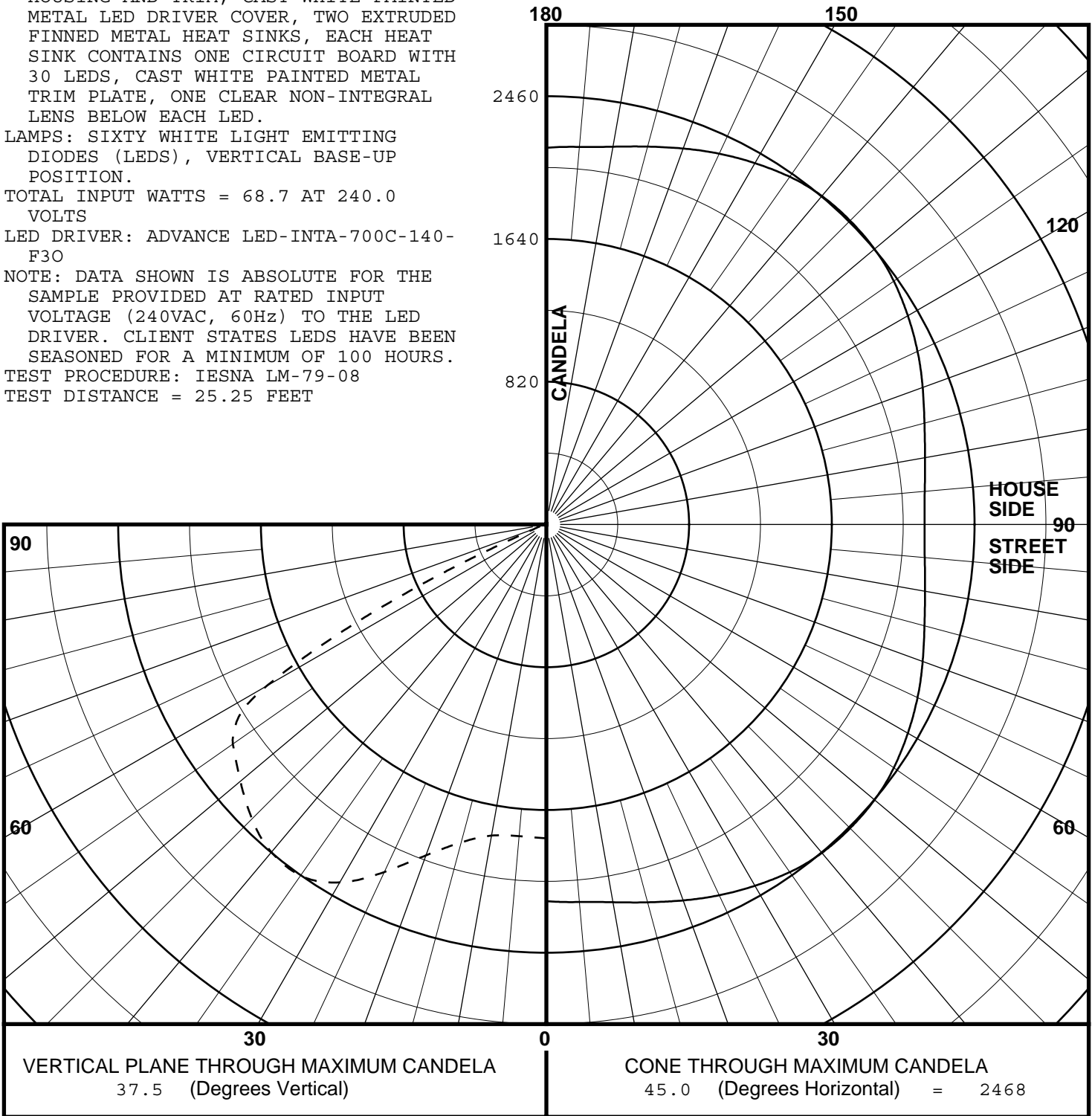
TOTAL INPUT WATTS = 68.7 AT 240.0  
 VOLTS

LED DRIVER: ADVANCE LED-INTA-700C-140-  
 F30

NOTE: DATA SHOWN IS ABSOLUTE FOR THE  
 SAMPLE PROVIDED AT RATED INPUT  
 VOLTAGE (240VAC, 60Hz) TO THE LED  
 DRIVER. CLIENT STATES LEDS HAVE BEEN  
 SEASONED FOR A MINIMUM OF 100 HOURS.

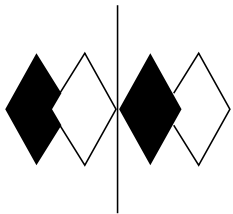
TEST PROCEDURE: IESNA LM-79-08  
 TEST DISTANCE = 25.25 FEET

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA



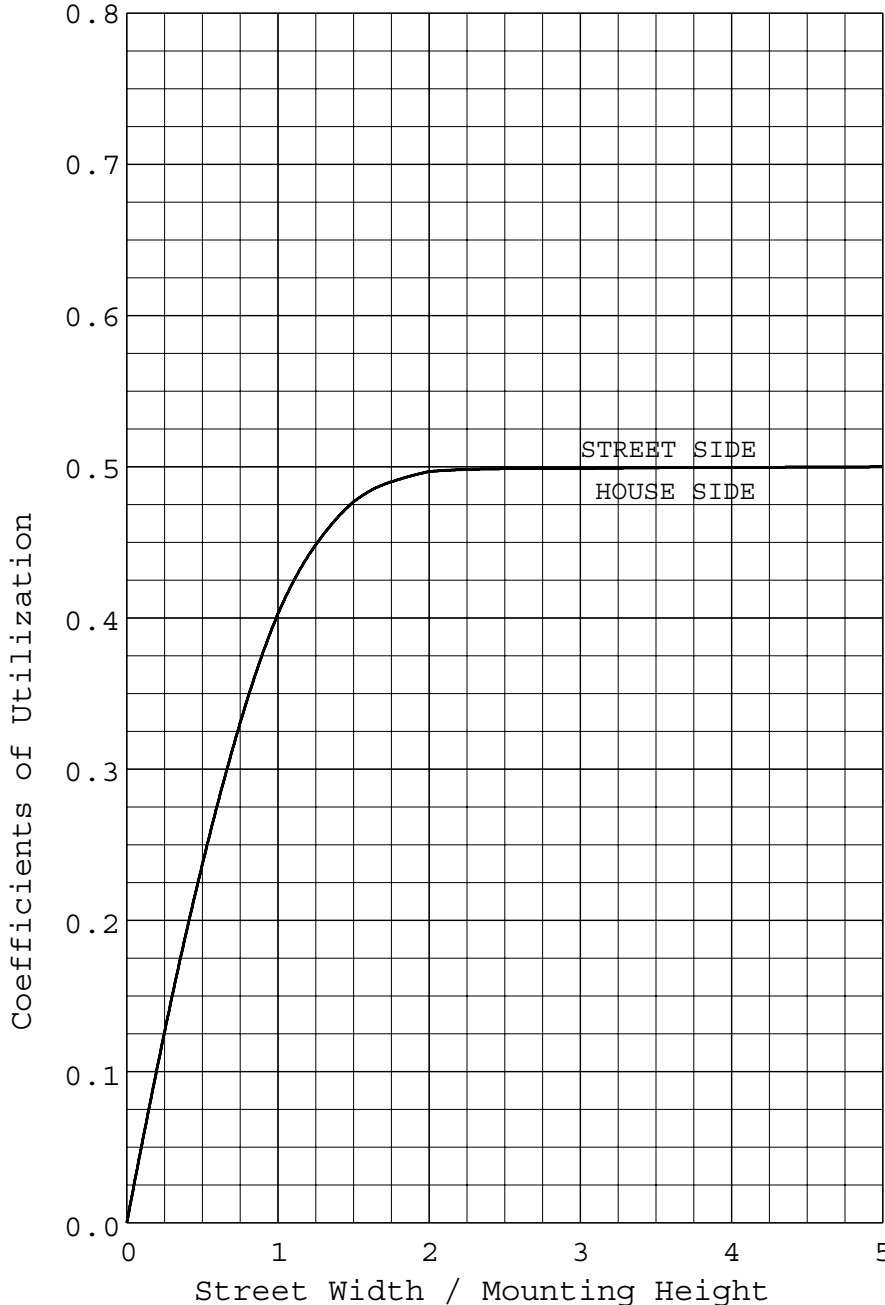
30 0 30  
 VERTICAL PLANE THROUGH MAXIMUM CANDELA  
 37.5 (Degrees Vertical)

30 0 30  
 CONE THROUGH MAXIMUM CANDELA  
 45.0 (Degrees Horizontal) = 2468



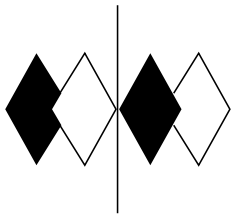
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	3468.	50.0
DOWNWARD HOUSE SIDE	3468.	50.0
DOWNWARD TOTAL	6936.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	6936.	100.0
EFFICACY = 101.0 Lm/W		

ALL CANDELA AND LUMENS IN THIS REPORT ARE BASED ON ABSOLUTE PHOTOMETRY. THE COEFFICIENT OF UTILIZATION VALUES ARE BASED ON THE TOTAL ABSOLUTE LUMEN OUTPUT OF THIS LUMINAIRE SAMPLE.



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FLUX DISTRIBUTION BY SOLID ANGLE

(PER IESNA TM-15-07, LUMINAIRE CLASSIFICATION  
SYSTEM FOR OUTDOOR LUMINAIRES)

	LUMENS	PERCENT OF FIXTURE
FORWARD LIGHT	3468.	50.0
FL ( 0- 30)		12.5
FM ( 30- 60)		33.8
FH ( 60- 80)		3.7
FVH( 80- 90)		0.0
BACK LIGHT	3468.	50.0
BL ( 0- 30)		12.5
BM ( 30- 60)		33.8
BH ( 60- 80)		3.7
BVH( 80- 90)		0.0
UPLIGHT	0.	0.0
UL ( 90-100)		0.0
UH (100-180)		0.0
TRAPPED LIGHT	0.	0.0
TOTAL FLUX	6936.	100.0

